

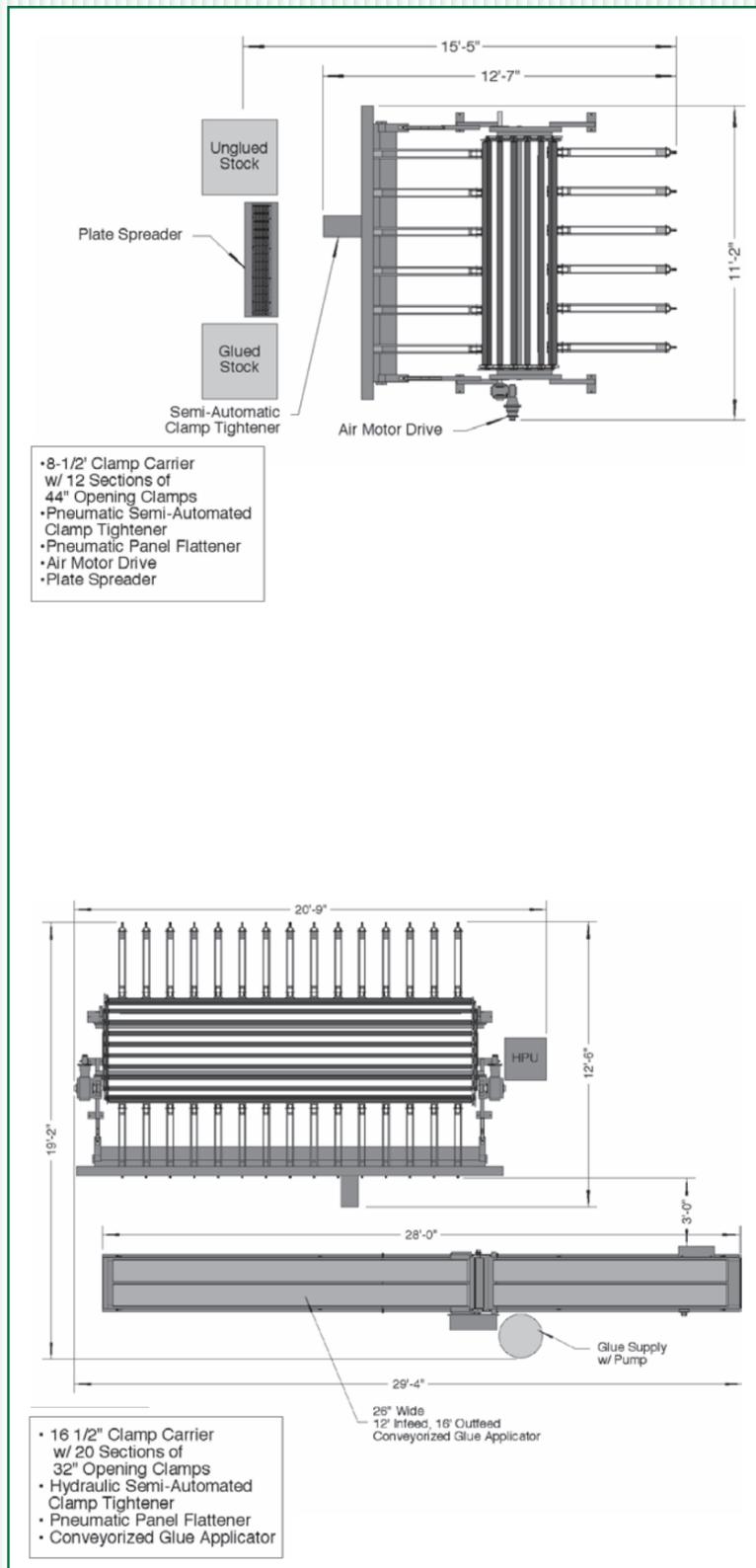
6 Reasons to buy Taylor

1. Taylor has been in business for 109 years. With four IWF Challenger's Awards, we lead with innovation.
2. All of our machinery and parts are produced in our New York State factory. All of our machine software is written and developed in-house.
3. Taylor's service is 2nd to none. We have a knowledgeable staff and a large inventory of spare parts for most models ready for same day shipment.
4. Taylor's easy roller clamps are the easiest to adjust side-to-side.
5. The Taylor Clamp is manufactured with a custom clamp channel to resist twisting and minimize glue cleanup.
6. The Taylor Clamp drawbar is designed like a spring. As the glue lines in a panel cure, it shrinks and our drawbar shrinks with it providing constant pressure. Our competition uses a heavier drawbar that does not shrink. Their customers are forced to use excessive clamping pressure which will starve the glue joints and reduce glue joint strength.



Taylor Classic Clamp Carriers

Made in USA
Poughkeepsie, NY



We have equipped the Glue Applicator with a nightly storage system to save glue and clean up time. The glue pan cover fits tightly over the top of the glue pan and a large sponge is fitted to the roof of the cover. When soaked with water, the sponge keeps the cavity of air moist and prevents skimming of the glue during the night.

Glue Applicators



The Plate Spreader provides an accurate and efficient glue spread. It works well with our Clamps to quickly apply glue to multiple boards. A perforated aluminum grid, 8" x 48", rises from the stainless steel glue container by a foot activated pedal to provide the correct amount of adhesive. Boards over 48" can be 'dipped' twice. An aluminum cover for the glue container extends glue use. It is fast, convenient, easy to use and clean.

The Taylor Glue Applicator is equipped with a fully adjustable live doctor roll. The doctor roll spins in the opposite direction (from the glue roll) which provides a controllable even spread. Thumbscrews and locking nuts are used to independently adjust both ends of the doctor roll.



Taylor Classic Clamp Carriers



Versatility For Short & Long
Production Runs

"The Classic Gluing Solution"

James L. Taylor Manufacturing

130 Salt Point Turnpike
Poughkeepsie, NY 12603

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Taylor Technology



Semi-Automatic Clamp Tightener/ Panel-Flattener

The Semi-Automatic Tightener's ergonomic design reduces operator effort and increase productivity. The tightener carriage rides on ball bearings for quick and easy positioning to any clamp on the front rest. A simple push or pull of the lever allows the tightener to engage the clamp for tightening or loosening.

The Taylor Panel Flattener is designed to hold the stock flat while each clamp is tightened.

The flattener rides on ball bearings on an overhead beam and is activated by a 3" air cylinder and is interlocked with the Semi-Automatic Tightener for a rapid safe operation.

Pneumatic & Hydraulic Systems

Taylor offers both pneumatic and hydraulic operating systems. Pneumatic systems are less expensive and easier to maintain. Hydraulic systems are self contained and do not use the shop compressed air system. Both systems offer the same tightening and flattening pressures

Choosing the Right Size

- Maximum component length determines carrier width.
- Maximum component width determines clamp size.
- Maximum component thickness determines clamp style and options.
- Loading time, curing time and production needs determine the number of sections.



Thin Panels

Optional hold down bars can be used on thin panels to eliminate bowing. These are placed over the panel and over a clamp. They are held in place while the panel cures.



Thick Stock Gluing and Laminating

Standard Taylor clamps will glue material up to 3" thick. For thicker material rocker plates are used for two reasons; one, to extend the height of the jaw, and two, to create equal pressure top and bottom (the plate pivots) for high quality glue joints.



#401 & #402 Style Clamps

Taylor offers heavier clamps for gluing even thicker materials. These two models (with rocker plates) will clamp 8" and 10" respectively. All components are beefed up to withstand the higher clamping forces necessary to produce a high quality glue joint.

The Classic Line has the most options for:

The Classic Semi-Automatic Clamp Carrier is our most versatile model. Sizes range from 6 to 60 sections with widths from 8-1/2' (2.5 M) to 20-1/2' (6.0 M). A wide range of products from small panels to large laminations can be glued. All machines are equipped with pneumatic or hydraulic components for operation:

- A motor drive for rotation of the sections.
- A Clamp Tightener for uniform clamping pressure.
- A Panel Flattener for flat components.

And a variety of other accessories for glue application, etc.

As with all Taylor machines, smaller machines can be expanded as production requirements grow. This feature is unique to the industry and permits the most efficient use of investment money.

Models/Sizes:

Machine widths vary from 8 1/2' (8' maximum panel length) to 20 1/2' (20' maximum panel length)

Clamp Openings (panel width) vary from 32" to 52"

#202 Style Clamps:
3/4" - 4" thick panels

#302 Style Clamps:
3/4" - 6" thick panels

#401 Style Clamps:
1" - 8" thick panels

#402 Style Clamps:
1" - 10" thick panels